PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Prais et al.

Examiner:

Lam, Ann Y.

Serial No.:

09/809,469

Group Art Unit:

3763

Confirmation No.:

5505

Docket:

P-5220 (102-523 DIV/CON/CIP)

Filed:

March 15, 2001

For:

SYRINGE AND NEEDLE SHIELD ASSEMBLY AND

METHOD OF

STERILIZING SUCH

ASSEMBLY

Commissioner for Patents Washington, DC 20231

ASSOCIATE POWER OF ATTORNEY (37 CFR 1.34)

Please recognize as Associate Attorneys in this case the practitioners at Customer Number 32752.

Please address all future correspondence to:

Ludomir A. Budzyn, Esq. Hoffmann & Baron, LLP 6900 Jericho Turnpike Syosset, New York 11791 Telephone: (973) 331-1700

3/13/03

SIGNATURE OF PRINCIPAL ATTORNEY OF RECORD

David W. Highet Reg. No. 30,265





Docket No. P-5220

Declaration and Power of Attorney For Patent Application

English Language D claration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

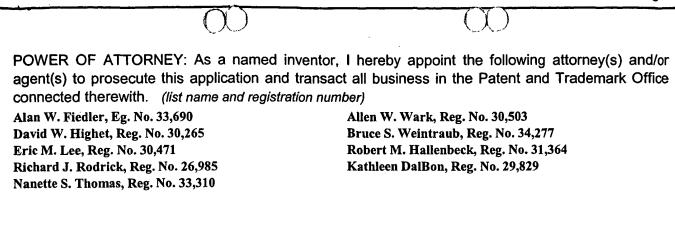
tor (if only one name is listed below) or an original, ted below) of the subject matter which is claimed and for the titled
ND METHOD OF STERILIZING SUCH ASSEMBLY
as United States Application No. or PCT International
(if applicable)
rstand the contents of the above identified specification, endment referred to above.
ited States Patent and Trademark Office all information as defined in Title 37, Code of Federal Regulations,
er Title 35, United States Code, Section 119(a)-(d) or for patent or inventor's certificate, or Section 365(a) of gnated at least one country other than the United States, by checking the box, any foreign application for patent or olication having a filing date before that of the application
Priority Not Claimed
(Day/Month/Year Filed)
(Day/Month/Year Filed)
(Day/Month/Year Fil d)

I hereby claim the benefit under application(s) listed below:	35 U.S.C. Section 119(e	e) of any United	States provisional
(Application Serial No.)	(Filing Date)		
(Application Serial No.)	(Filing Date)		
(Application Serial No.)	(Filing Date)		

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/454,993	December 6, 1999	Pending
(Application Serial No.)	(Filing Date) (Status) (patented, pending, a	
09/040,067	March 17, 1998	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
08/670,255	June 20, 1996	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Send Correspondence to: Richard J. Rodrick,

Becton, Dickinson and Company

1 Becton Drive

Franklin Lakes, New Jersey 07417-1880

Direct Telephone Calls to: (name and telephone number)

Allen W. Wark (201) 847-7115

A. Wesley Prais	
Sole or first inventor's signature	Date 6/5/01
Residence 34 Hillcrest Drive, Hewitt, New Jersey 07421	
Citizenship U.S.A.	
Post Office Address 34 Hillcrest Drive, Hewitt, New Jersey 07421	

Second inventor's signature	Date
Judith Dough	6/5/01
Residence U 7 Lake Road, Upper Saddle River, New Jersey 07458	•
Citizenship U.S.A.	
Post Office Address 7 Lake Road, Upper Saddle River, New Jersey 07458	

Full nam of third inv ntor, if any Steven L. Koziol	
Third inventor's signature	Date
Residence	4/4/0/
2774 31st Avenue, Columbus, Nebrașka 68601 Citizenship	
U.S.A. Post Office Address	
2774 31st Avenue, Columbus, Nebraska 68601	
	·
Full name of fourth inventor, if any	
Frederic Perot Fourth inventor's signature	0-4
	Date
Residence 36, quai de France, 38000 Grenoble, France	
Citizenship France	
Post Office Address 36, quai de France, 38000 Grenoble, France	
Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	
·	
Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	





Docket No. P-5220

Declaration and Power of Attorney For Patent Application English Language D claration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYRINGE AND NEEDLE SHIELD ASSEMBLY AND METHOD OF STERILIZING SUCH ASSEMBLY

the specification of which				
(check one)				
☐ is attached hereto. ☑ was filed on March 15, 2001 as United States Application No. or PCT International Application Number 09/809,469				
and was amended on		(if applicable)		
		(if applicable)		
I hereby state that I have re including the claims, as ame		erstand the contents of the above in endment referred to above.	dentified specification,	
I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.				
I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.				
Prior Foreign Application(s)			Priority Not Claimed	
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)	_	
(Number)	(Country)	(Day/Month/Year Filed)		

'I hereby claim the beneft does application(s) listed below:	35 U.S.C. Section 119	(e) of any United	States provisional
(Application Serial No.)	(Filing Date)	<u> </u>	
(Application Serial No.)	(Filing Date)		
(Application Serial No.)	(Filing Date)		

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/454,993	December 6, 1999	Pending
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
09/040,067	March 17, 1998	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
08/670,255	June 20, 1996	Patented
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.





POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Alan W. Fiedler, Eg. No. 33,690 David W. Highet, Reg. No. 30,265 Eric M. Lee, Reg. No. 30,471 Richard J. Rodrick, Reg. No. 26,985 Nanette S. Thomas, Reg. No. 33,310

Allen W. Wark, Reg. No. 30,503 Bruce S. Weintraub, Reg. No. 34,277 Robert M. Hallenbeck, Reg. No. 31,364 Kathleen DalBon, Reg. No. 29,829

Send Correspondence to: Richard J. Rodrick,

Becton, Dickinson and Company

1 Becton Drive

Franklin Lakes, New Jersey 07417-1880

Direct Telephone Calls to: (name and telephone number)

Allen W. Wark (201) 847-7115

Full name of sole or first inventor

A. Wesley Prais

Sole or first inventor's signature

Residence

34 Hillcrest Drive, Hewitt, New Jersey 07421

Citizenship U.S.A.

Post Office Address

34 Hillcrest Drive, Hewitt, New Jersey 07421

Full name of second inventor, if a	ny
------------------------------------	----

Judith L. Doyle

Second inventor's signature

Date

Residence

7 Lake Road, Upper Saddle River, New Jersey 07458

Citizenship

U.S.A.

Post Office Address

7 Lake Road, Upper Saddle River, New Jersey 07458

Full name of third inventor, if any Steven L. K ziol		
Third inventor's signature	Date	_
Residence 2774 31st Avenue, Columbus, Nebraska 68601		
Citizenship U.S.A.		
Post Office Address 2774 31st Avenue, Columbus, Nebraska 68601		
	1	
Full name of fourth inventor, if any Frederic Perot		
Fourth inventor's signature	Date OG L Jue Loo	 1
Residence 36, quai de France, 38000 Grenoble, France		=-
Citizenship France		
Post Office Address 36, quai de France, 38000 Grenoble, France		
Full name of fifth inventor, if any		
Fifth inventor's signature	Date	
Residence		
Citizenship		
Post Office Address		
Full name of sixth inventor, if any		
Sixth inventor's signature	Date	
Residence		
Citizenship		
Post Office Address		



Chief Information Officer Washington, DC 20231 www.uspto.gov

JANUARY 27, 2003

BECTON, DICKINSON AND COMPANY DAVID HIGHET 1 BECTON DRIVE FRANKLIN LAKES, NJ 07417 s 7 M/ 20



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/15/2002

REEL/FRAME: 013381/0533

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PRAIS, A. WESLEY

DOC DATE: 06/05/2001

ASSIGNOR:

DOYLE, JUDITH L.

DOC DATE: 06/05/2001

ASSIGNOR:

KOZIOL, STEVEN L.

DOC DATE: 06/06/2001

ASSIGNOR:

PEROT, FREDERIC

DOC DATE: 06/06/2001

ASSIGNEE:

BECTON, DICKINSON AND COMPANY

1 BECTON DRIVE

FRANKLIN LAKES, NEW JERSEY 07417

SERIAL NUMBER: 09809469

FILING DATE: 03/15/2001

PATENT NUMBER: ISSUE DATE:

FEB 3 2003

013381/0533 PAGE 2

SHARON BROOKS, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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10-15	2 200	
海岸	3-2002 Attorney D cket No.: P-5220	
Form PTO-1595 RE (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002)		
- da colange		
	Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies) Name: Becton, Dickinson and Company Internal Address:	
A. Wesley Prais Judith L. Doyle Staven L. Koriel	Name: Becton, Dickinson and Company	
Steven L. Koziol	Internal Address:	
Frederic Perot		
Additional name(s) of conveying party(les) attached? Yes V No	SE M	
3. Nature of conveyance:		
Assignment Merger	Street Address: 1 Becton Drive	
Security Agreement Change of Name	Street Address: 1500015110	
Other		
June 5 and June 6, 2001	City: Franklin Lakes State: NJ Zip: 07417	
Execution Date:	Additional name(s) & address(es) attached? Yes V No	
Application number(s) or patent number(s):		
If this document is being filed together with a new appli	cation, the execution date of the application is:	
A. Patent Application No.(s) 09/809,469	B. Patent No.(s)	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Additional numbers att	lached? Yes V No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1	
concerning document should be mailed: Name:David W. Highet, Esq.	7. Total fee (37 CFR 3.41)\$_40.00	
MC 089	Enclosed	
Internal Address:	Lindosed	
Becton, Dickinson and Company	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address:1 Becton Drive	02-1666	
	02-1000	
Franklin Lakes N.I. 07447		
City: Franklin Lakes State: NJ Zip: 07417		
DO NOT USE	THIS SPACE	
9. Signature.		
David M. Fortunato, Esq., Reg. No. 42,548	vid Somato 10/7/02	

10/17/2002 TDIAZ1

00000172 021666

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Signature

Date

# Assignment of Rights, 1 and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

•	(	,				
This is an A	ssignment of the following rights, ti	tle and interest: (check all that apply):				
×	United States of America rights, title and interest in the invention					
×	Foreign rights, title and interest in the invention					
	United States Patent Application S	Serial No. 09/809,469				
	Date of Execution:	Date of Filing: 3/15/01				
	United States Provisional Patent	Application Serial No.				
	United States Patent No(s).					
	International (PCT) Patent Appli	cation Serial No.				
	Other (specify)					
Fidla a Calaa l	F					
Title of the l		AND METHOD OF STERILIZING SUCH ASSEMBLY				
nventors (a	ssignors)					
	Name	Address				
A. Wesley	Prais	34 Hillcrest Drive, Hewitt, New Jersey 07421, USA				
Judith L. D	oyle	7 Lake Road, Upper Saddle River, New Jersey 07458, USA				
Steven L.	Koziol	2774 31st Avenue, Columbus, Nebraska 68601				
Frederic P	erot	36, quai de France, 38000 Grenoble, France				
· · · · · · · · · · · · · · · · · · ·						
Issignee						
	Name	Address				
Becton, Di	ckinson and Company	1 Becton Drive, Franklin Lakes, New Jersey 07417-1880, USA				
<u> </u>						

## Assignment of Rights, \( \frac{1}{2} \) and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
A. Wesley Prais	
Judith L. Doyle	
Steven L. Koziol	
Frederic Perot	
	·

## Assignment of Rights, \( \square \) and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

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4	7		•	•••	***	-		<u> '</u>	*	-

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this at Fronkler	day of	June , in the	year 2001	
5/00-4-1-0-1-7			2 W. W.	2
State of New Jersey			(Signature of I	nventor)
County of Seigh			~	
Before me personally app	-			
	foregoing instrument	to be a free act and	deed and also represe	ented that he or she is authorized to
execute the same this	5th day of	June	, in the year 2001	KUR I BURGER NOTARY PUBI IC OF NEW JERSEY MY COMMISSION XPIRES JAN. 10, 2002
	-11/4		(Nothry P	ublic)
Executed this at Fronkly A	ate T.S.	June , <i>in the</i>	year (2001	
	V		Judith.	Doule
			(Signature of I	nventor)
State of New Jersey			$\mathcal{O}$	Ĭ
County of Bligh	•			
Before me personally app	neared Judith I Dovl	Δ.		1
			deed and also represe	ented that he or she is authorized to
execute the same this	5th day of	June	, in the year 2001	
			. ) ()	KURI BURGER
		<del></del>	wt Dung	NOTARY PUBI IC OF NEW JERS MY COMMISSION XPIRES JAN, 10, 2
Executed this	th day of	June , in the		
at			:	
		De	ea Lho	riol
State of Nebraska		_	(Signature of I	entor)
County of				
Before me personally ap	peared Steven L. Koz	tiol		
who acknowledged the				ented that he or she is authorized to
execute the same this	day of	June	, in the year 2001	

# Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

This is an Å	ssignment of the following righ	ts, title and interest: (check all that apply):					
×	☑ United States of America rights, title and interest in the invention						
×	Foreign rights, title and interest in the invention						
	United States Patent Application Serial No. 09/809,469						
	Date of Execution: Date of Filing: 3/15/01						
	United States Provisional Pat	ent Application Serial No.					
	United States Patent No(s).						
	International (PCT) Patent A	pplication Serial No.					
	Other (specify)						
Title of the I		BLY AND METHOD OF STERILIZING SUCH ASSEMBLY					
Inventors (a	ssignors)	· · · · · · · · · · · · · · · · · · ·					
	Name	Address	$\neg$				
A. Wesley	Prais	34 Hillcrest Drive, Hewitt, New Jersey 07421, USA	ᅵ				
Judith L. D	oyle	7 Lake Road, Upper Saddle River, New Jersey 07458, USA	コ				
Steven L. I	Koziol	2774 31st Avenue, Columbus, Nebraska 68601	ᅦ				
Frederic Po	erot	36, quai de France, 38000 Grenoble, France	٦				
			$\Box$				
<u> </u>							
Assignee							
	Name	Address					
Becton, Di	ckinson and Company	1 Becton Drive, Franklin Lakes, New Jersey 07417-1880, USA					

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
A. Wesley Prais	
Judith L. Doyle	
Steven L. Koziol	
Frederic Perot	16th June 2001

# Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. P-5220

<u>Notarization</u> (Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)							
Executed this	day of	June , in the year 2001					
at							
State of Nov. January		(Signature of Inventor)					
State of New Jersey							
County of	•						
Before me personally appear							
		to be a free act and deed and also represented that he or	she is authorized to				
execute the same this	day of	June , in the year 2001					
		(Notary Public)					
Executed this	day of	June , in the year 2001					
at	uay oj	, in the year					
		•					
		(Signature of Inventor)					
State of New Jersey		(+8)					
			•				
County of		•					
Before me personally appear who acknowledged the fore execute the same this		e to be a free act and deed and also represented that he or June , in the year 2001	she is authorized to				
	•	(Notary Public)	<del></del>				
Executed this	day of	June , in the year 2001					
at		•					
		(Signature of Inventor)					
State of Nebraska							
County of							
Before me personally appea	red Steven L. Kozi	iol					
who acknowledged the fore	going instrument	to be a free act and deed and also represented that he or	she is authorized to				
execute the same this	day of	June , in the year 2001					
		(Notary Public)					
<u> </u>							